

Ordering Information

Family	Distribution	Lamp Type	No. of Lamps	Housing	Module Length	Wiring	Voltage	Ballast	Finish
BSL	8	T	01	EN					
	8 = Wall Mount	T = T8	01 = 1 Light	EN = Solid	04 = 4' 08 = 8' 12 = 12'	1 = 1cct. 3 = 1cct. w/EC/NL 5 = 1cct. w/EM Battery 7 = 1cct. w/Dimming 8 = 1cct. w/1cct. Thru wire Note: Please consult wiring section of spec sheets for more wiring options.	1 = 120V 2 = 277V	E = Standard <20% THD F = Standard <20% THD w/fusing G = <10% THD, Instant Start H = <10% THD, Instant Start w/fusing J = <10% THD, Program Start K = <10% THD, Program Start w/fusing	C = Custom Color W = Standard White

Specifications

Features

1. Housing: die-formed 20ga. cold rolled steel
2. End Set: die-cast metal with baked powder coat finish
3. Lamping: one T8 lamp
4. Configuration: 4', 8' and 12' module lengths or continuous rows
5. Ballasts: electronic 120V or 277V

Finish

High-quality white powder coat with textured matte finish.
Custom colors available. Consult factory.

Mounting

Flexible mounting locations.

Electrical

All luminaires are factory pre-wired to module ends with quick-wire connectors.

Joints & Intersections

Self-aligning joining system with hands-free pre-joining wire access.

Labels

UL, CSA standards.

Ordering Instructions

Individual Fixtures

1. Determine the number of individual modules required
2. Order one end set per module
3. Order one non-power mount per module
4. Order one power mount per module

Continuous Rows*

1. Determine run length
2. Order the appropriate number and length of modules for complete run
3. Order one end set for each run
4. Order one non-power mount for each module
5. Order one power mount per run
6. Order one joiner per module minus one (e.g. 3 modules requires 2 joiners)

***Note:** Some runs may require additional power mounts. Please see the 'Run Configuration' table on the next page for more details.

Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Notes:

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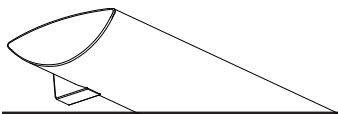
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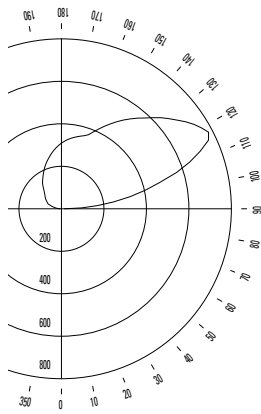
Lighting Systems **Baselyte-BSL29**

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1 Light T8 Wall Mount Indirect

Performance

Candlepower Curve



Report No: 2101687

Lamps: F32T8

Lumens per Lamp: 2950

Efficiency: 50.0%

Up: 100.0% Down: 0.0%

Candlepower Summary

ZONE DEG.	0	45	90	135	180
180	309	309	309	309	309
175	327	322	308	293	288
165	354	340	299	257	242
155	414	349	279	216	196
145	510	389	250	174	155
135	606	440	215	134	115
125	714	492	173	98	93
115	764	532	126	71	74
105	480	466	70	49	48
95	168	166	18	17	19
90	14	15	1	5	6
85	0	0	0	0	0
75	0	0	0	0	0
65	0	0	0	0	0
55	0	0	0	0	0
45	0	0	0	0	0
35	0	0	0	0	0
25	0	0	0	0	0
15	0	0	0	0	0
5	0	0	0	0	0
0	0	0	0	0	0

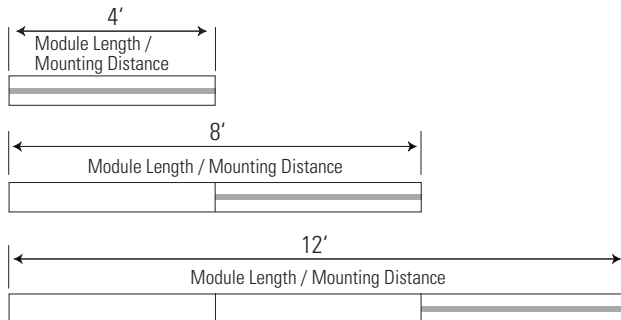
Coefficients of Utilization

% EFFECTIVE CEILING CAVITY REFLECTANCE									
	80			70			50		
	% WALL REFLECTANCE								
	50	30	10	50	30	10	50	30	10
0	47	47	47	40	40	40	27	27	27
1	41	39	38	35	34	32	24	23	22
2	36	33	31	31	28	26	21	19	18
3	31	28	25	27	24	22	18	17	15
4	27	24	21	24	21	18	16	14	13
5	24	21	18	21	18	15	14	12	11
6	22	18	15	18	15	13	13	11	9
7	19	16	13	16	13	11	11	9	8
8	17	14	11	15	12	10	10	8	7
9	16	12	10	13	10	8	9	7	6
10	14	11	9	12	9	7	8	6	5

Zonal Lumen Summary

ZONE	LUMENS	%BARE LAMP	%LUMINAIRE
0-90	0	0	0
90-180	1475	50.0	100.0
0-180	1475	50.0	100.0

Module Lengths & Mounting Distances



Note: Shaded area indicates locations of emergency sections (emergency wiring controls all lamps or optional battery pack controls one or two lamps).

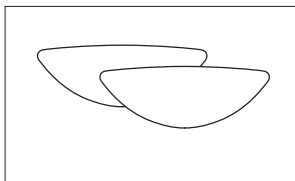
Run Configuration

Run Length	4' Module	8' Module	12' Module	Joiner	End Set	Mount	Power Mount*
4' run	1				1	1	1
8' run		1			1	1	1
12' run			1		1	1	1
16' run		2		1	1	2	1
20' run		1	1	1	1	2	1
24' run			2	1	1	2	1
28' run		2	1	2	1	3	1
32' run		1	2	2	1	3	1

***Note:** Additional power mounts may be required for some runs with T5 HO lighting options, longer runs, and runs with wiring options that are more complex. Please consult factory for assistance.

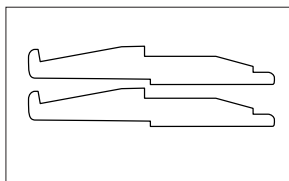
System Components & Accessories

End Set



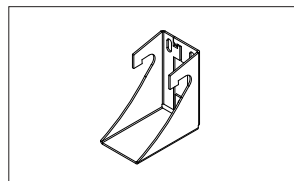
BSLEWW = wall mount standard white

Joiner



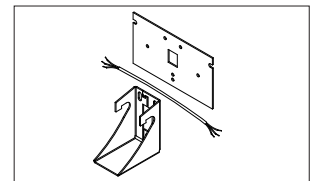
BSLJW = wall mount joiner

Non-Power Wall Mount



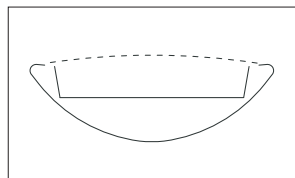
BSLWN = non-power wall mount

Power Wall Mount



BSLWP1 = 1-power mount
BSLWP2 = 2-power mount

Dust Cover



BSLDCW = 4' wall mount dust cover

Job Information

Type:

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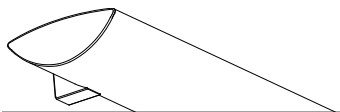
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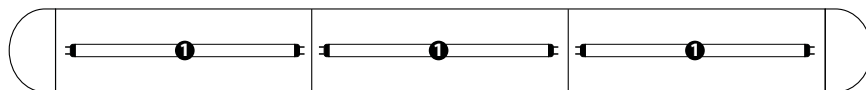
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Wiring Options: 1 Circuit

1 Circuit

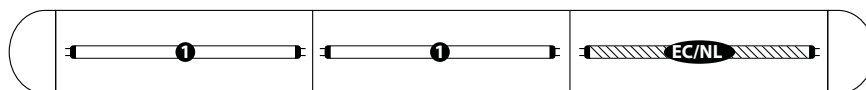
- ☐ **Type 1:** 1cct.
- ☐ **Type 8:** 1cct. w/1cct. thru wire
- ☐ **Type H:** 1cct. w/2cct. thru wire
- ☐ **Type 7:** 1cct. w/dimming



All lamps wired on one circuit.

1 Circuit with Emergency Circuit/Night Light (EC/NL)

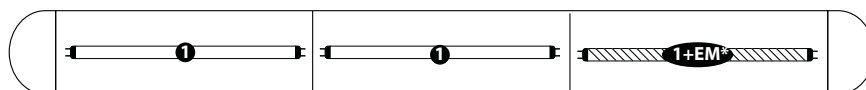
- ☐ **Type 3:** 1cct. w/EC/NL



One 4' section in a one circuit fixture to be wired on a separate thru circuit. Leads for both normal circuit and EC/NL circuit wired to fixture ends. All lamps in EC/NL section to be wired together.

1 Circuit with Emergency Battery Pack (EM)

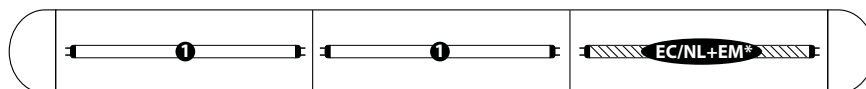
- ☐ **Type 5:** Chloride standard C700A
- ☐ **Type M:** Bodine standard B70A
- ☐ **Type E:** Chloride high performance C1400
- ☐ **Type P:** Bodine high performance B50



All lamps wired on one circuit, plus a battery pack is wired to one lamp. A hot lead is connected to the battery pack and would function as a 'trigger' wire when connected to a constant hot by installer. Leads for both normal circuit and battery pack are wired to fixture ends.

1 Circuit with Emergency Circuit/Night Light and Emergency Battery Pack

- ☐ **Type J:** Chloride standard C700A



One 4' section in a one circuit fixture to be wired on a separate thru circuit, in addition, a battery pack is wired to one lamp. Installer can connect 'trigger' wire to EC hot lead if controlled together or wire separately if controlled independently. Leads for normal circuit, EC/NL circuit and EM wired to fixture ends. All lamps in EC/NL section to be wired together.

Job Information

Type:

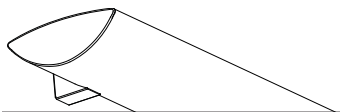
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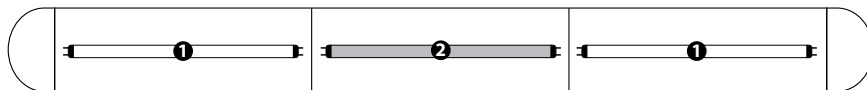
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Wiring Options: 2 Circuit A/B Switching (alternate 4' sections)

2 Circuit A/B Switching (alternate 4' sections)

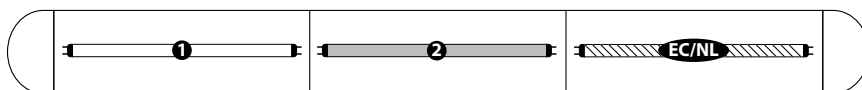
- ☐ **Type B:** 2cct.
- ☐ **Type A:** 2cct. w/1cct. thru wire
- ☐ **Type S:** 2cct. w/2cct. thru wire



Fixture wired for two circuit. Lamps wired for A/B switching in alternate 4' sections.

2 Circuit A/B Switching (alternate 4' sections) with Emergency Circuit/Night Light (EC/NL)

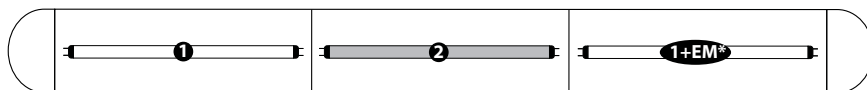
- ☐ **Type C:** 2cct. w/EC/NL



One 4' section in a two circuit fixture (A/B switching) to be wired on a separate thru circuit. Leads for both normal circuit and EC/NL circuit wired to fixture ends.

2 Circuit A/B Switching (alternate 4' sections) with Emergency Battery Pack (EM)

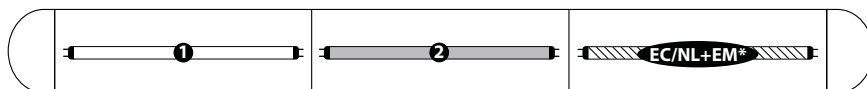
- ☐ **Type D:** Chloride standard C700A
- ☐ **Type O:** Bodine standard B70A
- ☐ **Type G:** Chloride high performance C1400
- ☐ **Type R:** Bodine high performance B50



Fixture wired for two circuits (A/B switching), plus a battery pack is wired to one lamp. A hot lead is connected to the battery pack and would act as a 'trigger' wire when connected to a constant hot by installer. Leads for both normal circuit and battery pack are wired to fixture ends.

2 Circuit A/B Switching (alternate 4' sections) with Emergency Circuit/Night Light and Emergency Battery Pack

- ☐ **Type L:** Chloride standard C700A



One 4' section in a two circuit fixture (A/B switching) to be wired on a separate thru circuit, in addition, a battery pack is wired to one lamp. Installer can connect 'trigger' wire to EC hot lead if controlled together or wired separately if controlled independently. Leads for normal circuit, EC/NL circuit and battery pack are wired to fixture ends. All lamps in EC/NL module to be wired together.

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